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23862 7590 06/29/2005

**NYDEGGER & ASSOCIATES  
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08/09/2005 HVUONG2 00000072 10775271

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Jenny L. Stedman (Depositor's name)  
*Jenny L. Stedman* (Signature)  
August 4, 2005 (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/775,271      | 02/10/2004  | Tihiro Ohkawa        | 11252.60            | 1275             |

TITLE OF INVENTION: MASS SEPARATOR WITH CONTROLLED INPUT

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES          | \$700     | \$300           | \$1000           | 09/29/2005 |

| EXAMINER           | ART UNIT | CLASS-SUBCLASS |
|--------------------|----------|----------------|
| LEYBOURNE, JAMES J | 2881     | 250-296000     |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
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- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 NYDEGGER & ASSOCIATES  
2  
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.111. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Archimedes Operating, LLC

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

San Diego, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature *Neil K. Nydegger*  
Typed or printed name Neil K. Nydegger

Date August 4, 2005  
Registration No. 30,202

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT

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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                 |   |            |
|---------------------------------|---|------------|
| In re application of:           | Tihiro Ohkawa                           | )          |
|                                 |   | )          |
| Serial No.:                     | 10/775,271                              | ) Art Unit |
|                                 |   | ) 2881     |
| Filed:                          | February 10, 2004                       | )          |
|                                 |   | )          |
| For:                            | MASS SEPARATOR WITH<br>CONTROLLED INPUT | )          |
|                                 |   | )          |
| Examiner:                       | James J. Leybourne                      | )          |
|                                 |   | )          |
| Date of Notice<br>of Allowance: | June 29, 2005                           | )          |
|                                 |   | )          |
| Customer No:                    | 23862                                   | )          |
|                                 |   | )          |
| Attorney Docket:                | 11252.60                                | )          |

### TRANSMITTAL OF PAYMENT OF ISSUE FEE

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Sir:

The enclosed Notice of Allowance and Issue Fee Due are submitted herewith. Also enclosed is check No. 17469 for \$1,030.00 for the payment of the issue fee and the publication fee which is due in this matter, including the cost for additional copies of the patent when it issues. Please credit any overpayment or charge any additional fees to Deposit Account 14-1519 of the undersigned. Triplicate copies of this sheet are enclosed.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

DATED this 4<sup>th</sup> day of August, 2005.

Respectfully submitted,



NEIL K. NYDEGGER  
Attorney for Applicant  
Registration No. 30,202

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CERTIFICATE OF MAILING UNDER 37 CFR §1.8

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JENNY L. STEDMAN  
Legal Document Assistant

Transmitted: Payment of Issue Fee; Check No. 17469 in the amount of \$1,030.00 for payment of issue fee and the publication fee and for advance copies of patent when issued; and Issue Fee Transmittal.

Docket No. 11252.60